The software concordance Page 1 of 5



Subscribe (Full Service) Register (Limited Service, Free) Login

Search: The ACM Digital Library The Guide

12.03

THE COURSE OF COMPUTANCE BEENGURE

Feedback

NEWI- Take a look at the new version of this page: [beta version]. Tell us what you think.

The software concordance: a new software document management environment

Full text Pdf (177 KB)

Source ACM Special Interest Group for Design of Communication archive

Proceedings of the 21st annual international conference on Documentation table of conferris

San Francisco, CA, USA SESSION: Managing the process table of contents

Pages: 198 - 205

Year of Publication: 2003 ISBN:1-58113-696-X

Authors Tien N. Nguyen Univ. of Wisconsin, Milwaukee, WI

Ethan V. Munson Univ. of Wisconsin, Milwaukee, WI

Sponsor ACM: Association for Computing Machinery

Publisher ACM New York, NY, USA

Bibliometrics Downloads (6 Weeks): 4, Downloads (12 Months): 28, Citation Count: 6

Additional Information: abstract references cited by index terms collaborative colleagues

Tools and Actions:

Request Permissions Review this Article

Save this Article to a Binder Display Formats: BibTeX EndNote ACM Ref

DOI Bookmark: Use this link to bookmark this Article: http://doi.acm.org/10.1145/944868.944911

What is a DOI?

↑ ABSTRACT

In this paper, we describe the efforts of Juniper Networks to implement a Feature Guide documentation manual and discuss the usability merits of this documentation method.

↑ REFERENCES

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

- 1 Adobe FrameMaker, http://www.adobe.com/products/framemaker/.
- 2 Maurice Amsellem, ChyPro: A Hypermedia Programming Environment for Smalltalk-80,

- Proceedings of the 9th European Conterence on Object-Oriented Programming, p.449-470, August 07-11, 1995
- 3 Kenneth M. Anderson , Richard N. Taylor , E. James Whitehead, Jr., Chimera: hypermedia for heterogeneous sollware development environments, ACM Transactions on Information Systems (TOIS), v.18 n.3, p.211-245, July 2000 [doi: 10.1145/352595.352596]
 - 4 Greg J. Badros, JavaMt.: a markup language for Java source code, Proceedings of the 9th international World Wide Web conference on Computer networks: the international journal of computer and telecommunications networking, p.159-177, June 2000, Amsterdam, The Netherlands
- 5 Robert A. Ballance, Susan L. Graham, Michael L. Van De Vanter, The Pan language-based editing system. ACM Transactions on Software Engineering and Methodology (TOSEM), v.1.n.1, p.55-127, Jan. 1992 [dob-10.1145/125489.122804]
- 6 James Bigelow, Victor Riley, Manipulating source code in DynamicDesign, Proceeding of the ACM conference on Hyperiext, p.397-408, November 1987, Chapel Hill, North Carolina, United States (doi: 10.1145/317428.31745).
 - 7 John Boyland, Aaron Greenhouse, and William L. Scherlis. The Fluid IR: An internal representation for a software engineering environment. In preparation. For information see http://www.fluid.cs.cmu.edu.
 - 8 Jacob L. Cybulski , Karl Reed, A Hypertext Based Software-Engineering Environment, IEEE Software, v.9 n.2, p.62-68, March 1992 [doi>10.1109/52.120603]
- 9 P. Devanbu, Y.-F. Chen, E. Gansner, H. Müller, J. Martin, CHIME: customizable hyperlink insertion and maintenance engine for software engineering environments, Proceedings of the 21st International conference on Software engineering, p.473-482, May 16-22, 1999, Los Angeles, California, United States [doi-10.1145/302405.302679]
- 10 James C. Fercans, David W. Hurst, Michael A. Sennett, Burton M. Covnot, Wenguang Jr., Peter Kajka, Wei Cuyang, HyperWeb, a framework for hypermedia-based environments, Proceedings of the fifth ACM STGSOPT symposium on Software development environments, p.1-10, December 09-11, 1992, Tyson's Corner, Virginia, United States (dois 10.1146/142888, 142899)
 - 11 Pankaj K. Garg , Walt Scacchi, A Hypertext System to Manage Software Life Cycle Documents, IEEE Software, v, 7 n, 3, p, 90-98, May 1990. [doi: 10.1109/52.55233]
- 12 Anja Haake David Hicks, VerSE: towards hypertext versioning styles, Proceedings of the the seventh ACM conference on Hypertext, p.224-234, March 16-20, 1996, Bethesda, Maryland, United States [doi: 10.1145/234628.234650]
- 13 Wendy Hall, Gary Hill, Hugh Davis, The microcosm link service, Proceedings of the fifth ACM conference on Hyperfext, p.262-259, November 14-18, 1993, Seattle, Washington, United States [doi:10.1145/168750.168842]
- 14 David L. Hicks "John J. Leggett. Peter J. Nürnberg "John L. Schnase, A hypermedia version control framework. ACM Transactions on Information Systems (TOIS), v. 16 n.2, p.127-160, April 1998. [doi: 10.1145/279339.279341]
 - 15 E Horowitz, R C Williamson, SODOS: a software documentation environment-its use, IEEE Transactions on Software Engineering, v.12 n.11, p.1076-1087, NOV, 1986
 - 16 Jorgen Lindskov Knudsen , Boris Magnusson , Mats Lotgren , Ole L. Madsen, Object Oriented Software Development Environments: The Mjoiner Approach, Prentice-Hail, Inc., Upper Saddle River, NJ, 1994
 - 17 Donald Ervin Knuth, Literate Programming, CSLI Publications, Stanford, CA, 2001



- 18 Alessandra Alaniz Macedo , Maria da Graca Campos Pimentel , Jose Antonio Camacho-Guerrero, An infrastructure for open latent semantic linking, Proceedings of the thirteenth ACM conference on Hypertext and hypermedia, June 11-15, 2002, College Park, Maryland, USA [doi» 10.1145/51338.513369]
- 19 Andrian Marcus _...bnathan I. Maletic, Fecovering documentation-to-source-code traceability links using latent semantic indexing, Proceedings of the 25th International Conference on Software Engineering, May, 03-10, 2003, Portland, Oregon
- 20 Microsoft Office, http://www.microsoft.com/.
- 21 Tom Morse, CVS, Linux Journal, v.1996 n.21es, Jan. 1996
- 22 Ethan V. Munson. The Software Concordance: Bringing hypermedia to the software development process. In SBMI DIA '99 Anais, V Simposio Brasileiro de Sistemas Multimidia e Hipermidia. Goiania. Brazii. June 1999.
- 23 Tien N. Nguyen, Ethan V. Munson, and John T. Boyland. State-based product versioning in the Fluid/SC CM system. In preparation.
- 24 Tien Nguyen , Satish Chandra Gupta , Ethan V, Munson, Versioned Hypermedia can improve software document management, Proceedings of the thirteenth ACM conference on Hypertext and hypermedia, June 11-15, 2002, College Park, Maryland, USA [doi> 10.1145/513338.513385]
- 25 Kasper Østerbye, Structural and cognitive problems in providing version control for hypertext, Proceedings of the ACM conference on Hypertext, p.33-42, November 30-December 04, 1992, Milan, Italy, [dois-10.1145/168466.168464].
 - 26 Kasper Østerbye, Literate Smalltalk Programming Using Hypertext, IEEE Transactions on Software Engineering, v.21 n.2, p.138-145, February 1995 [doi> 10.1109/32.345829]
- 27 Kasper Østeröye . Kurt Nermark. An interaction engine for rich hypertexts. Proceedings of the 1994 ACM European conference on Hypermedia technology, p.167-176, September 19-23, 1994. Edinburgh. Scotland. [doi-10.1146/192757.192795]
 - 28 Rational Rose, http://www.rational.com/products/rose/index.jsp.
 - 29 Steven P. Reiss, Simplifying data Integration: the design of the desert software development environment. Proceedings of the 18th International conference on Software engineering, p.309-407, March 25-29, 1996. Berlin, Germany
 - 30 James Rumbaugh, Ivar Jacobson, Grady Booch, The United Modeling Language reference manual, Addison-Wesley Longman Ltd., Essex, UK, 1998
 - 31 M.-A. D. Storey, C. Best, and J. Michaud. SHriMP Views: An interactive and customizable environment for software exploration. In Proceedings of IWPC'2001, May 2001.
 - 32 Javadoc tool home page. http://java.sun.com/j2se/javadoc/.
- 33 Tim Teitelbaum., Thomas Beps, The Cornell program synthesizer, a syntax-directed programming environment, Communications of the ACM, v.24 n.9, p. 563:573, Sept. 1931 [doi:10.1145/358746.358755]
 - 34 Thorn UML editor. http://thorn.sphereuslabs.com/.
 - 35 Walter F. Tichy, Design, implementation, and evaluation of a Revision Control System, Proceedings of the 6th international conference on Software engineering, p.58-67,

September 13-16, 1982, Tokyo, Japan

- 36 Walter F. Tichy, RCS—a system for version control, Software—Practice & Experience, v.15 n.7, p.637-654, July 1985 [doi>10.1002/spe.4380150703]
- 37 Tim Allen Wagner, Practical algorithms for incremental software development environments, University of California at Berkeley, Berkeley, CA, 1998
- 38 Emmet James Whitehead, Jr., Flichard N, Taylor, An analysis of the hypertext versioning domain, 2000



39 Uffe K. Will , John J. Leggett, Hyperform: using extensibility to develop dynamic, open, and distributed hypertext systems. Proceedings of the ACM conference on Hypertext, p.251-261. November 30-December 04, 1992, Milan, Italy [doi: 10.1145/168486.171510]

↑ CITED BY 6

Tien N. Nguyen , Ethan V. Munson , John T. Boyland, Object-oriented, structural software configuration management, Companion to the 19th annual ACM SIGPLAN conference on Object-oriented programming systems, languages, and applications, October 24-28, 2004, Vancouver, BC, CANADA

Tien N. Nguyen, Ethan V. Munson, John T. Boyland, The molhado hypertext versioning system, Proceedings of the litteenth ACM conference on Hypertext and hypermedia, August 09-13, 2004. Santa Cruz, CA, USA

Ethan V. Munson., Tien N. Nguyen, Concordance, conformance, versions, and traceability, Proceedings of the 3rd international workshop on Traceability in emerging forms of software engineering, November 08-08, 2005, Long Beach, California

Tien N. Nguyen., Cheng Thao., Ethan V. Munson, On product versioning for hypertexts, Proceedings of the 12th international workshop on Software configuration management, p.113-132, September 05-06, 2005, Lisbon, Portugal

Supreet Gill, Ethan V. Munson, A version-aware tool for design rationale, Proceedings of the 12th Brazillan symposium on Multimedia and the web, November 19-22, 2006, Natal, Rio Grande do Norte, Brazil

Fredrik H. Madsen. Peter J. Nürnberg. Calliope: supporting high-level documentation of opensource projects. Proceedings of the 2005 symposia on Metainformatics, p.10-es. November 09-11, 2005. Esbjerg. Denmark

↑ INDEX TERMS

Primary Classification:

D. Software

C. D.2 SOFTWARE ENGINEERING

C. D.2.6 Programming Environments

Additional Classification:

H. Information Systems

+.5 INFORMATION INTERFACES AND PRESENTATION (I.7)

H.5.4 Hypertext/Hypermedia

General Terms:

Documentation, Management

Keywords:

documentation, hypermedia, software engineering

♦ Collaborative Colleagues:

Tien N. Nguyen: colleagues Ethan V. Munson: colleagues

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2010 ACM, Inc.

Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player